IGOR BABEKOV

Strategic Data & AI Leader | Cloud Transformation | Team Builder | Business-Aligned Innovation Driver | M365 Enthusiast

CONTACT

- ✉ ibabekov@gmail.com
- ⌽ github-ibabekov
- 🔗 linkedin-ibabekov
- ☎ 1-631-875-9154

SKILLS

Data: HL7 & EDI Transactions, SFTP/AS2, FHIR & Data Quality, MDM & Governance, PowerBI, Snowflake & Dbt, Azure SQL DB & Synapse DW, Data Lake, MS Fabric & Purview, ADF & Databricks, DuckDB, Airflow, CockroachDB, PostgreSQL, Redgate ToolBelt, MS Migrations toolset, ShareGate, Replace Magic, Cloud FastPath[multitenant], SentryOne SQL Monitoring[multitenant], ETL & ELT tools

AI: LLMs/SLMs, Prompt & Content Engineering, RAG & Vector Search, Agentic AI (LangChain/LangGraph/n8n/CrewAI), Responsible AI & Governance, Azure OpenAI & Azure AI Studio, Databricks AI, MS Fabric AI

R&D Management: Recruit, train, mentor, coach and motivate, organize and delegate, planning and strategic thinking, problem solving and decision-making, commercial awareness, reverse engineering, performance KPI monitoring and reporting, latest tech evaluation & adaption

Digital Transformation: M365 [Azure OpenAI, M365 stack], REST API, ETL/ELT Integrations, Adeptia ETL, Cleo ETL, Data Marts & Power BI Self Service Practice

Project Management: Agile, Scrum, Waterfall, JIRA, Confluence, JIRA SM, ConnectWise Manage, ServiceNow, Trello, Azure DevOps, Project Online, Smartsheet, Draw.io, Excalidraw

Software Development: .NET & CORE, Powershell & Python, Azure Services, LogicApps & Power Platform

Cloud Technologies: Azure, AWS, Private Cloud - VMware, M365 Enthusiast

ABOUT

I take pride in being able to contribute meaningfully to the advancement of cloud technologies, services and solutions in the healthcare sector.

As the Director of Data & AI, I lead innovative data strategies to drive impactful business outcomes in the healthcare technology. With a deep focus on Data Quality, MDM & Governance, and advanced self-serve analytics, I ensure our data services / products empower decision-making and deliver measurable value. Driving a shift from reactive to proactive towards predictive, and ultimately becoming from preventive to prescriptive decision-making.

With over 25 years of expertise in data & ai, software engineering and teams management, I bring a proven track record in delivering high-quality products and services that consistently exceed customer expectations and achieve business objectives. In my current and past roles, I prioritize seamless continuity in the Software Development Lifecycle (SDLC) by conducting holistic analyses, aligning development efforts with strategic goals, fostering transparent communication across all levels, and leveraging ever-evolving analytical insights to drive informed decision-making.

WORK EXPERIENCE

DIRECTOR, DATA & AI

NuvemRx (Nuvem) | JANUARY 2023 - AUGUST 2025

- **ROI:** Spearheaded Data & AI Transformation roadmap, positioning the company as an industry innovator and supporting a 20% uplift in corporate valuation (~$120M) during growth stage.
- **Strategic Planning:** Developing and implementing strategic plans for data engineering team in alignment with the organization's goals and objectives.
- **Leadership and Team Building & Management:** Leading and managing a team of Data and BI Engineers, DBA's and other technical staff, including hiring, training, and performance evaluation.
- **Project Management:** Overseeing the planning, execution, and delivery of Data projects [Data as a Service, Data as a Product], ensuring they are completed on time, within budget, and to the required quality standards.
- **Technical Guidance and Expertise:** Providing technical guidance and expertise to the teams, including architecture design, coding standards, and best practices.

DevOps & M365: Making sure the rest of the company knows what dev & data teams are up to, sing its praises, communicating what the business's most pressing needs are, getting everyone in the company involved

EDUCATION

Bachelor of Business Administration
[Ternopil Academy of National Economy](#)
2016-2018

Client-Server Fast Track Program
[ASA College, NY](#)
1998-1999

0303 - Electrical Engineering
[Tajik Technical University [Tajik Polytechnic Institute]](#)
1986-1990

TRAINING

MS-700: Microsoft 365 Teams Administrator
2020 - [Ingram - Flight Academy](#)

MS-500: Microsoft 365 Security Administration
2020 - [Ingram - Flight Academy](#)

AZ-300: Microsoft Architect Azure Technologies
2019 - [SimpliLearn International](#)

CERTIFICATIONS

Applied Agentic AI for Organizational Transformation
2025 - [MIT Program](#)

Master Data Management (MDM) - The Complete Course Certification
2025 - [Udemy Course](#)

ITIL 4 FOUNDATION: Master ITSM & Ace Your ITIL Certification
2025 - [Udemy Course](#)

Azure Databricks Platform Architect
2025 - [Databricks Academy Accreditation](#)

Data Management and Governance with Unity Catalog
2025 - [Databricks Academy Accreditation](#)

AI Agents Fundamentals
2025 - [Databricks Academy Accreditation](#)

Generative AI Fundamentals

- **Resource Allocation:** Allocating resources effectively to meet project requirements and deadlines, including budget management and resource planning.
- **Collaboration and Communication:** Facilitating communication and collaboration between cross-functional teams, including product management, quality assurance, and IT operations.
- **Risk Management:** Identifying and mitigating risks associated with Data development projects, such as technical challenges, resource constraints, and changes in requirements.
- **Process Improvement:** Continuously evaluating and improving processes and methodologies to increase efficiency, productivity, and quality.
- **Stakeholder Management:** Engaging with stakeholders, including executives, clients, and end-users, to understand their requirements and expectations and ensure alignment with development efforts.
- **Quality Assurance:** Ensuring that software products meet quality standards and regulatory requirements through rigorous testing and quality assurance processes.
- **Technology Evaluation and Adoption:** Evaluating emerging technologies and trends in AI, Data and BI Engineering and recommending their adoption where appropriate to enhance product capabilities and competitiveness.

DIRECTOR, DATA & SOFTWARE ENGINEERING

[Nuvem (340Basics)](#) | MAY 2022 - JANUARY 2023

- **Strategic Planning:** Developing and implementing strategic plans for software development in alignment with the organization's goals and objectives.
- **Leadership and Team Management:** Leading and managing a team of software developers, engineers, and other technical staff, including hiring, training, and performance evaluation.
- **Project Management:** Overseeing the planning, execution, and delivery of software development projects, ensuring they are completed on time, within budget, and to the required quality standards.
- **Technical Guidance and Expertise:** Providing technical guidance and expertise to the development team, including architecture design, coding standards, and best practices.
- **Resource Allocation:** Allocating resources effectively to meet project requirements and deadlines, including budget management and resource planning.
- **Collaboration and Communication:** Facilitating communication and collaboration between cross-functional teams, including product management, quality assurance, and IT operations.
- **Risk Management:** Identifying and mitigating risks associated with software development projects, such as technical challenges, resource constraints, and changes in requirements.
- **Process Improvement:** Continuously evaluating and improving software development processes and methodologies to increase efficiency, productivity, and quality.
- **Stakeholder Management:** Engaging with stakeholders, including executives, clients, and end-users, to understand their requirements and expectations and ensure alignment with development efforts.
- **Quality Assurance:** Ensuring that software products meet quality standards and regulatory requirements through rigorous testing and quality assurance processes.
- **Technology Evaluation and Adoption:** Evaluating emerging technologies and trends in software development and

2025 - [Databricks Academy Accreditation](#)

The New AI Tech Stack: AI Literacy for Tech Leaders

2025 - [LinkedIn Course](#)

SQL Server 2014 Administration

2018 - [Brainbench](#)

Developing Apps for SharePoint 2013

2017 - [Learning Tree International](#)

SQL Server Integration Services for Business Intelligence

2016 - [Learning Tree International](#)

SQL Server Reporting Services for Business Intelligence

2016 - [Learning Tree International](#)

Web Applications with ASP.NET MVC

2016 - [Learning Tree International](#)

Software Engineering Project Management

2005 - [Learning Tree International](#)

XML Web Services with .NET

2004 - [Learning Tree International](#)

C# Programming

2004 - [Learning Tree International](#)

Building XML Web Services with .NET

2004 - [Learning Tree International](#)

Enterprise Web Development with ASP.NET and Ajax

2004 - [Learning Tree International](#)

VB.NET OOP

2004 - [Learning Tree International](#)

recommending their adoption where appropriate to enhance product capabilities and competitiveness.

HEAD OF SOFTWARE & DATA ENGINEERING

[THIRD500 [IQ500]](#) | MAY 2021 - MAY 2022

- Lead internal software product development of flagship initiative [IQ500](#) working with internal and external stakeholders, remote dev and data teams members; released first production version of the product within 6 months
- Worked closely with B2B C level executives to manage budgets, vendors and mitigate risk; lead to a 50% reduction in costs and was able to secure intellectual property contracts
- Produced intellectual property through numerous innovation workshops; outlined all core business processes and prepared supporting technical specification documents
- Generate roadmaps, project plans to improve product developemnt, testing performance and cross-functional collaboration
- Liaise with key decision makers to collaborate on solutions and approaches to improve and grow their ability to meet business objectives
- Provide developers with processes and tools to help them code remotely, on demand, while enhancing their cross-functional teams collaboration
- Applied automation principles and tracking application health across the entire development lifecycle

PRINCIPAL SOFTWARE & DATA ENGINEER

[RFA [MSP]](#) | *acting as development department manager* | 2017 - 2021

- Lead a global team of 10 employees and 7 consultants across many practices within the Development department; delivered over $1.5 million in projects & services per year
- Worked closely with C level executives to build the development practice; had 175 digital transformation projects completed in Microsoft 365 Collaboration & Productivity Cloud implementations such as
    - SharePoint Online Migrations [cloud to cloud; private cloud to cloud; on-prem to cloud]
    - Dynamics 365 Sales [HealthCare]
    - Data Integrity [Node.js app, MySQL, Azure DevOps CI/CD]
    - DealsCloud to Snowflake warehouse two way integration [Airflow + Singer]
    - VSTO Add-On for Excel 365 sync with Azure SQL DB
    - Invoice Automation PowerApp with Sharepoint Online
    - HR Applicant Tracking PowerApp with Sharepoint Online
    - HR Employee On|Off-Boarding PowerApp with Sharepoint Online
    - HR Employee Compensation PowerApp with Azure SQL DB [data masking]
    - HR Leave Request PowerApp with Sharepoint Online
    - Vendor Management System PowerApp with Sharepoint Online
    - MS Teams Creation Approval PowerApp with Azure Security group
    - Managed Detection and Response service [Seceon; End-Game API alerts & PowerApp]
    - Time Tracking for Development department [PowerApp; CW MAnage & Sharepoint Online]

- Cloud data management and SQL DB performance monitoring through 24/7 NOC
- Snowflake warehousing cloud platform as PaaS and related data injection projects utilizing various ETL/ELT tools
- Developed an internal custom application, Automated Incident and Response Engine [AiRE], with business process automation to support Security Operation Center; platform grew from 0 to over 500 customers and more than $2 million in annual revenue
- Built an end-to-end internal process for Microsoft 365 Collaboration & Productivity Cloud by working across many departments - Sales, Sales Engineering, Project Implementation and Support Services; lead to higher sales conversions and customer satisfaction scores
- Hired, trained and supported building out the Data services team; launched a 5th pillar of RFA - Managed Data Services, supporting over 900 SQL servers and dozens of Cloud Data Warehouses

SR FULL STACK DEVELOPER

Technomedia Talent Management (Hodes iQ) | 2006 - 2016

- Developed and supported HR and e-recruiting management solutions for over 750 companies
- Performed both back-end and front-end work using latest technology stock
- Product earned the top rank for job distribution technology among 22 competitors
- One of the clients [FedEx] careers website became Recruiting Excellence Award Finalist

SR APPLICATION DEVELOPER / TEAM LEAD

Global Home Loans & Finance, Inc | 2003 - 2006

- Intranet/Internet development, web portals and integration across systems
- Integrated Mortgage Cadence, mortgage lending software, via web services to lead generation system to increase company efficiency
- Implemented and maintained a Global Account portal with access control abilities, integration with multiple databases, custom built commission engine; streamlining existing business processes
- Lead team of 3 jr. developers